

ABSTRACT OF THE INVENTION

A system and method for maintaining capacity of a network. Instructions are adapted to define future times at which a capacity of the network is evaluated. In addition, instructions are adapted to determine a total capacity of the network (TNC) and a total demand of users (TUD) for the network at each of the future times. As a function of the total capacity of the network (TNC) and the total demand of users (TUD), instructions are adapted to determine a predicted utilization (PU) of the network at each of the future times. By comparing the predicted utilization (PU) to a defined acceptable utilization of the network at each of the future times, instructions are adapted to determine a change in network capacity (DCNC) to be applied to the network at each of the future times in order to increase or decrease the capacity of the network.